			350	10/8
EPA Wa	Environmental Protections shington, D.C. 20460 pliance Inspection)		
	A: National Data Sy		(i.e. PCS)	
Transaction Code NPDES 1 N 2 5 3 I D G 1 3 1 0 0 4 1	yr/mo/day	In	spection Type	Inspector Fac Type 19 S 20 3
21	<u> </u>			66
Inspection Work Days Facility Self-Monitoring	g Evaluation Rating	BI QA 71 N 72 N	1 1 1	Reserved80
	Section B: Fac	ility Data		
Name and Location of Facility Inspected (For industria POTW, also include POTW name and NPDES permit Kooskia National Fish Hatchery - IDG131004 318 Toll Rd. Kooskia, ID 83539			9/2/2014 14:00	Permit Effective Date 12/1/2007 Permit Expiration Date 11/30/2012
			0/2/2014 10:40	Admin. Extended
Name(s) of On-Site Representative(s)/Title(s)/Phone a Kent Hills/Manager/208-926-4272 Kenny Simpson/Tech 3			Other Facility Data (e.g., descriptive information) SIC: 0273 (Animal Aquad NAISC: 112511 (Finfish F	culture)
Name, Address of Responsible Official/Title/Phone an Kent Hills/Manager/208-926-4272	X	Contacted Yes No		
Section C: Areas Evaluat		on (Check on	ly those areas eval	uated)
X Records/Reports Com X Facility Site Review Labo X Effluent/Receiving Waters X Ope	Monitoring Program pliance Schedule pratory rations & Maintenance ge Handling/Disposal	Polluti Storm Combi	atment on Prevention Water ined Sewer Overflow ry Sewer Overflow	MS4
	Section D: Summary of Fi			
(Attach additional sheets of name SEV Codes SEV Description		ding Single Ever	RECEIVE	
			OCT 1 0 20	114
		Insp	ection & Enforcement Ma (IEMU)	nagement Unit
Name(s) and Signature(s) of Inspector(s)	Agency/Office/Ph	one and Fax Nun	nbers	Date
Mike Piechowski, P.E.	IDEQ State Office	/ 208-373-0274	/ 208-373-0143	9/5/2014
		3.0 0.17	9	

IDEQ State Office / 208-373-0167 / 208-373-0576

A.J. Maupin, P.E.

EPA Form 3560-3 (Rev 1-06) Previous editions age obsolete

A.J. Maupin, P.E.

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NPDES INSPECTION checklist October 14, 2014



Idaho Department of Environmental Quality

AQUACULTURE FACILITY INSPECTION SURVEY

General NPDES Permit Numbers IDG-130000 Effective: December 1, 2007 - November 30, 2012

PURPOSE OF INSPECTION:	Determination of compliance with NPDES permit		
	and the Clean Water Act.		
TYPE OF INSPECTION:	☐ Unannounced ☐X Announced		
	□CSI □X CEI □Recon		
DATE(s) OF PREVIOUS NPDES	Date: Unknown		
INSPECTIONS:			
	Date:		
PENDING OR CURRENT	N/A		
ENFORCEMENT ACTIONS:			
(review NOV and warning letters on file)			
FACILITY NAME:	Kooskia National Fish Hatchery		
NPDES PERMIT #	IDG-131004		

FACILITY CONTACT:	Name: Kent Hills		
	Phone Number: 208-926-4272		
EACH TOX CIZE (
FACILITY SIZE (annual fish production;	$\square > 500,000 \text{ (monthly)}$		
affects frequency of monitoring	☐ 100,000 - 500,000 (quarterly)		
requirements in parentheses) Confirm	☐ < 100,000 (semi-annual)		
production and monitoring frequency during the inspection.	☐ Other (explain)		
during the inspection.	1 /		
INSPECTOR(s) AND AFFILIATION	Mike Piechowski		
THE POLICE OF THE PROPERTY OF	Idaho Department of Environmental Quality		
	Technical Services – State Office		
DATE OF INSPECTION:	Date: 9/2/2014		
	,		
	Arrival Time: 2:00 pm		
	_		
	Departure Time: 4:45 pm		
Photo of facility sign, if any, and facility			
DATE OF FINAL REPORT	Date: 9/13/2014		

ENTRY AND PERMIT CONDITIONS REVIEW

 ${\bf X}$ Present your credentials and provide a business card; explain the purpose of the inspection and how you plan to proceed.

	-
Interviewee Questions	
1. Obtain representative's name, position,	Name: Kent Hills
and phone number.	Position: Hatchery Manager
	Phone: 208-926-4272
2. How long has the representative worked	3.5 years
for the company?	
3. How long has he/she held the position?	3.5 years
4. Other representatives present?	Kenny Simpson
And the state of t	
NOI Review: Show the interviewee the N	
	errors and initial the corrections. A new NOI
should be submitted if several corrections are	
1. What is the date of the most recently subm	nitted NOI?5/23/2012
2. Is the NOI complete and current?	X□Yes
	□No
3. Have any structural changes been made	□Yes
to the facility recently?	X□No
4. Any structural changes anticipated?	$X \square \mathbf{Yes} - 2$ new acclimation ponds planned
(Plan and Spec review required of IDEQ, if	· -
so; see page 47; Part VI.I.2.)	□No
FACILITY LOCATION, ETC: (see	* * * * * * * * * * * * * * * * * * *
NOI)	Address:
•	318 Toll Road
	Kooskia, ID 83539
	Phone: 208-926-4272
	Fax:
OWNER NAME:	US Fish & Wildlife Service
OWNER ADDRESS:	Address:
	Eastside Federal Building
	911 NE 11 th Ave
	Portland, OR 97232
	Phone Number: 503-231-2062
	Fax:
	E-mail: richjohnson@fws.gov

OPERATOR NAME:	Nez Perce Fisheries		
ODEDATOD ADDDESS.	A daluare		
OPERATOR ADDRESS:	Address: 318 Toll Road		
	Kooskia, ID		
	i kooskia, io	, (3333)	
<u>.</u>	Phone Num	ber: 208-926-4272	
,	Fax:		
	E-mail: ken	th@nezperce.org	
PERMIT TRANSFERS:	□Yes		
1. Is this a new operator?	X□No		
According to VII. I. "Transfers. Authorization to disc		s permit may be automatically transferred to a	
new permittee on the date specified in the agreement of the O. The current permittee notifies the Director of the O.		nd Watersheds at least 30 days in advance of	
the proposed transfer date;	11100 01 11 4101 4	na watersheds at reast 50 days in advance of	
2. The notice includes a written agreement between the		new permittees containing a specific date for	
transfer of permit responsibility and liability between 3. The Director does not notify the existing permittee		mittees of its intent to revoke and reissue the	
authorization to discharge.	por	The state of the most to to to the and to loud the	
2. Was EPA and IDEQ notified in writing	□Yes □	X N/A	
of the transfer?	□No		
LOCATION OF FACILITY:	GPS taken a	at entrance to facility.	
	Latitude: 46	5.503314	
	Longitude:	116.329612	
	Date:		
	Buto.		
	Time:		
	Count:		
AUTHORIZATION TO DISCULDOT			
AUTHORIZATION TO DISCHARGE 1. Did you receive a letter authorizing you to	discharge?	X/mx/	
1. Did you receive a letter authorizing you to	discharge:	X□Yes	
10 64 J.J	1	□No	
2. "Addressee" on the authorization to disch	arge letter:	Name: Kent Hills	
3. Is this correct?		VOX	
5. 15 tills 5517551.		X□Yes	
		□No: name	
4 D 1		T.C.	
4. Do you have a copy of the permit?		X□Yes	
		□No	
5. Is the facility currently discharging?		X□Yes	
		□No	

6. Was the facility containing, growing or holding fish on December 1, 2007 (effective date of the permit)?7. If not currently discharging, when do you expect to rear fish again at this facility?		A	
	Date		
DDAITDITED DICCILLDAGE D II D. D 20		•	
PROHIBITED DISCHARGES, Part II.B., Page 29 Review the prohibited discharges 1 and 2 (a-h) with the in	tervie	wee. COMPLETE	
1. Have you had any such prohibited discharges that you know of since December 1, 2007?		□Yes	
Know of since December 1, 2007:		X□No	
2. Do you expect to have any difficulty prohibiting such		□Yes	
discharges from this facility?		X□No	
Questions or Comments:			
PROHIBITED PRACTICES, Part II.C., Pages 29-30		<u> </u>	
1. Review the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the prohibited practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practices 1 through 2 with the interest of the practice 2 with the practice 2	tervie	wee. COMPLETE	
1. 10 10 1 the promoted processes I through 2 with the his			
2. Have you or any other employee engaged in any of thes	se	□Yes	
prohibited practices that you know of since December 1,		X No	
2007?		7110	
3. Do you expect to have any difficulty prohibiting such		□Yes	
practices at this facility?		X No	
Questions or Comments:		XLIN0	
Questions of Comments.			
FACILITY MONITORING, Part II.D., (see page 30-3	33)		
Ask to see the recent DMRs and raw data. Review to dete		e if the permittee is filling in the	
correct data (influent, effluent raw data, and effluent net).		<u>-</u>	
data are less than MDL.	Р		
According to II. D., "The permittee shall monitor discharges from all			
specified in Tables 12 and 13" (see pages 30-33) For frequency refootnote 29 of Table 13 for OLSBs)	quirem	ents, see toothote to of Table 12, and	
Todaloto 27 of Tubio 15 for ODDD5)			
1. When was the last monitoring event?		July 2014	
2. Who conducted the monitoring?		Kenny Simpson	
Ŭ .		*	
3. Is this the person who usually conducts the monitoring	;?	X□Yes	
		□No	

sample? (permit requires four or more discrete samples taken at one-half hour intervals or greater in a 24 hour period.) 4. When sampling raceway discharge, is at least one sample taken during quiescent zone or raceway cleaning? If not, why not. 5 What type of sample are you taking for influent? (permittees with spring influents may elect to take grabs, page 32, footnote 17) 6. Who fills out the DMRs? Kent Hills 7. When was the most recent DMR submitted to EPA and IDEQ? 8. How and where is flow measured for the raceways? Overflow weir And by whom? Kenny Simpson Is this flow measurement method one of those specified in Appendix E. Part LA., page 79? □ X Yes □ No 9. How is the flow measuring device calibrated? And by whom? Staff gauge 10. How and where is flow measured for the offline settling basins? And by whom? 11. Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations) 12. Are you aware of any recent violations of the permit limits? What was the limit that was exceeded? S 6 A removal	3. What is the interval of discrete sampling for the composite	4 ½ hour intervals
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And by whom? Settling pond. Kenny Simpson 11. Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations) GW during summer months due to high creek temperatures. No 12. Are you aware of any recent violations of the permit limits? Whet was the limit that was accorded?	,	
And by whom? Kenny Simpson 11. Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations) Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations) GW during summer months due to high creek temperatures. No 12. Are you aware of any recent violations of the permit limits? No	basins?	
11. Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations) X□Yes Note: System uses GW during summer months due to high creek temperatures. □No No		U 1
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12. Are you aware of any recent violations of the permit limits? No No		due to high creek temperatures.
limits?		□No
limits?		
limits?	12. Are you aware of any recent violations of the permit	X□Yes
What was the limit that was availed?	· · · · · · · · · · · · · · · · · · ·	
	What was the limit that was exceeded?	SS % removal

When was it?	7/2013, 11/2013	
13. Are the data reported properly on the DMR?	X□Yes	
	□No	
14 A DMD 1	~~~	
14. Are DMR data consistent with analytical results?	X□Yes	
	□No	
RECEIVING WATER MONITORING, Part II.E., (see page According to II.C.1., "All permittees with OLSB that discharge directly to rewater monitoring for ammonia, pH, and temperature upstream from the outfand 2., "All facilities using chelated copper compounds or copper sulfate m and hardness immediately upstream of the outfall at least once in any quarter. Ask to see the QA plan which will describe where the samples are taken in the samples are ta	eceiving water must conductall." ust monitor total recoverable when these compounds are	e copper
1. If the facility has an OLSB discharging to a receiving stream		X□Yes
monitoring receiving water for ammonia, pH, and temperature?		□No
	O suito suitualidi	
2. Are you monitoring receiving water for copper quarterly who	n you use it?	X□Yes
		□No
3. Are you submitting the results to EPA and IDEQ with the DI	MRs?	X□Yes
		□No
1		1

QUALITY ASSURANCE PLAN, Part II.F., (see page 35)		
According to II.F. "The permittee must develop a QA plan for all monitoring required by this permit. The plan		
must be developed and implemented within 60 days of coverage under this permit."	•	
1. Do you have a QA plan?	X□Yes	
	□No	
2 When did you exhault the autification that a shall be set in the state of the sta	0/00/0010	
2. When did you submit the certification that a plan has been developed?	8/22/2012	
According to II.F.3.a) the QA Plan must include: details on the number of samples, type of sample containers, preservation of samples including temperature requirements, holding times, analytical methods, analytical detection and quantification limits for each parameter, type and number of quality assurance field samples, precision and accuracy requirements, sample preparation requirements, sample shipping methods, and laboratory data delivery requirements.		
3. Does the plan include these details?	X□Yes	
·	□No	
	2110	
If not, what is missing?	1	
According to II.F.3.a) the QA Plan must include: description of flow measuring devices or methods u measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe the description of compositing samples from all points proportionally to their respective flows.	onvert to flow	
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measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe method of compositing samples from all points proportionally to their respective flows.	X Yes X Yes	
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measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe method of compositing samples from all points proportionally to their respective flows. 4. Does the plan include the flow measuring description? 5. Does the plan describe the method of compositing samples?	X Yes No	
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measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe method of compositing samples from all points proportionally to their respective flows. 4. Does the plan include the flow measuring description? 5. Does the plan describe the method of compositing samples?	X Yes No	
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measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe method of compositing samples from all points proportionally to their respective flows. 4. Does the plan include the flow measuring description? 5. Does the plan describe the method of compositing samples? 6. If you elected to take grab samples of influents, does the plan provide evidence of insignificant variability among influent sources? 7. If you elected to not monitor small discharges that comprise less than 1% of the total raceway flows, does the plan provide justification that effluent quality of these	X Yes No XYes No XYes No	
measure influent and/or effluent flow at each point, calibration procedures, and calculations used to counits. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe method of compositing samples from all points proportionally to their respective flows. 4. Does the plan include the flow measuring description? 5. Does the plan describe the method of compositing samples? 6. If you elected to take grab samples of influents, does the plan provide evidence of insignificant variability among influent sources? 7. If you elected to not monitor small discharges that comprise less than 1% of the	X Yes No XYes No XYes No	

8. Does the plan include a map(s) of sampling points?		
	□No	
9. Did you include in your QA plan the quality assurance and control for receiving water monitoring, including the sampling location rationale?		
10. Does the plan include qualifications and trainings of personnel?		
	X No	
11. Does the plan include the laboratory name and telephone number?		
12. Is facility following / using the QA Plan?	X□Yes □No	
BEST MANAGEMENT PRACTICES PLAN, Part III., (see page 36) According to Part III.C. "the permittee must develop and implement a BMP Plan which meets the sprequirements listed in Part III.E.	pecific	
1. Do you have a BMP plan?	X□Yes	
If not on site, is it in the possession of staff when they are working on-site?	□No	
	X□Yes □No	
2. When did you submit the certification that a plan has been developed?	8/22/2012	
The BMP plan must include the following BMPs:		
(see page 36)		
1. Chemical Storage a. ensure proper storage to prevent spills,b. implement procedures for proper containing, cleaning and disposing of spilled material.	X□ Yes □No □Yes	
	□No	
2. Structural Maintenance		
a. routinely inspect rearing and holding units and waste collection containment to identify and promptly repair damage,	X□Yes □No	
How often?	Annually	

b. regularly conduct maintenance of rearing and holding units and waste	X□Yes
collection and containment systems to ensure their proper function	□No
3. Training Requirements:	
 a. Train personnel in spill prevention and clean-up and disposal of spilled materials. b. Train personnel on proper structural inspection and maintenance of rearing and holding units and waste collection and containment systems. 	X □ Yes □No X □ Yes □No
4. Operational Requirements: a. Water which is disinfected with chlorine or other chemicals must be treated before it is discharged to waters of the U.S. b. Treatment equipment used to control the discharge of floating, suspended or submerged matter must be cleaned and maintained at a frequency sufficient to prevent overflow or bypass of the treatment unit by floating, suspended, or submerged matter. 	□Yes X N/A □Yes X□N/A
c. Procedures must be implemented to prevent fish from entering quiescent zones, full-flow and off-line settling basins. Fish which have entered quiescent zones or basins must be removed as soon as practicable. d. All drugs and pesticides must be used in accordance with applicable label directions (FIFRA or FDA) e. Chelated copper compounds and copper sulfate, when used, must be applied to only one raceway at a time. f. Identify and implement procedures to collect, store, and dispose of wastes,	X□Yes □N/A □ Yes X□N/A □Yes X□N/A X□Yes
such as biological wastes, in accordance with IDAPA §02.04.17 and IDAPA §58.01.02. Such wastes include fish mortalities and other processing solid wastes from aquaculture. g. Implement procedures to control the release of transgenic or non-native fish or their diseases as specified in any permit(s) issued by the Idaho Department of Fish and Game for the importation, transportation, release or	□No X□Yes □No
sale of such species, in accordance with IDAPA §13.01.10.100. h. Implement procedures to eliminate the release of PCBs from any known sources in the facility, including paint, caulk, or feed	X□ Yes □No
When was the DMD Dien lest you detect?	2012
When was the BMP Plan last updated?	2012

AQUACULTURE SPECIFIC REPORTING REQUIREMENTS, Part IV., Page 38			
A. Drug And Other Chemical Use And Reporting Requirements (see	pages 38-39)		
1. Do you use drugs, pesticides or other chemicals? Occasional Formalin	X□Yes □No		
-			
If yes, ask to see the Chemical Log Sheet. (see Appendix G, page 91)			
1. Are records being maintained of all applications?	X□ Yes □No		
2. When an INAD or extralabel drug is used for the first time, you are required to report this orally and in writing to EPA and IDEQ.			
Have you used INADs or plan to use INADs or extralabel drugs? If so, Have you written to EPA and IDEQ that you have signed up to use an	□Yes X□N/A □Yes		
INAD or prescription? (page 88)	Date:X□N/A		
Have you provided an oral report to EPA and IDEQ of an INAD or prescription use? (page 87)	☐ Yes Date: X☐ N/A		
Have you provided a written report to EPA and IDEQ of an INAD or prescription use? (page 89)	□Yes Date:		
	X□N/A		
B. Structural Failure (see page 39) Remind the interviewee of this new requirement: Failure or damage to the facility must be reported to EPA and IDEQ orally within 24 hours and in writing within five days when there is a resulting discharge of pollutants to waters of the U.S.	Confirmed? X Yes □No		
C. Spills of feed, drugs, pesticides or other chemicals (see page 39) Remind the interviewee of this new requirement: The permittee must monitor and report to EPA and IDEQ any spills that result in a discharge to waters of the United States; these must be reported orally within 24 hours and in writing within five days.	Confirmed? X Yes □No		
	1		

D. Annual Report of Operations (see page 40)	
Remind the interviewee of this requirement:	Confirmed?
The permittee must prepare and submit an annual report of operations	
by January 20 th of each year to EPA and IDEQ. (see Appendix H, page 95-96	X Yes
for form)	□No
TOT TOTAL)	
1. Did you submit the last report as required?	Vos
1. Did you subtiff the last report as required:	X□Yes
	□No
2. Is the annual report complete? (Check the report against the required	X□Yes
elements on pages 95-96.)	□No
Ask to see the annual logs of production.	X□Yes
3. Are the logs consistent with what is reported in the annual report?	□No
TTT /1 (C '11', 11', 11', 11', 11', 11', 11', 11	
Was the facility able to provide all the required paper documentation	X□Yes
requested?	□No
FACILITY PHYSICAL INSPECTION	
Objectives of the facility inspection include: identifying all discharges	
to the surface waters from the facility; observing and recording	
prohibited discharges or practices; and noting any problems. Many of	
these questions are subjective.	
1.1	
1. Any excessive feed in the raceways?	□Yes
	X□No
2. Any excessive solids stirred up in raceways?	□Yes
1 ,	X□No
	AUNO
2 A 11 (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Y 7
3. Are all the barrier dam boards in place and level?	X□Yes
	□No
4. Any excessive solids built up in quiescent zones?	□Yes
• •	X□No
	AUNO
C A ' 1'1 ' ' 1 1 1 1	
5. Any excessive solids going over the dam boards.	□Yes
	X□No
6. Any fish observed in the quiescent zones?	□Yes
•	X□No
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	1

Photo (s) of raceway(s) conditions above,	See Photo Log
Discharges:	
Photo (s) of raceway(s), tailrace, and/or full-flow settling basin discharges.	See Photo Log
Are there any unreported outfalls? (check observed against NOI)	□Yes
construction of the against (one against (one	X No
	ALINO
If so, describe:	
ii so, describe.	
Photo (s) of receiving water(s), particularly documenting any of below:	See Photo Log
1. Any floating solids or visible foam in other than trace amounts?	□Yes
	X□No
2. Any evidence of discharged sludge, grit or accumulated solid	□Yes
residues?	X□No
3. Any floating, suspended or submerged matter, including dead fish, in	□Yes
amounts causing nuisance or objectionable condition?	X□No
4. Location of the receiving water monitoring.	□Clearwater River,
	upstream of &
	adjacent to the
	stilling basin
	overflow
5. If the facility has an OLSB(s), is it discharging?	X□Yes
	□No
Photo (s) of OLSB discharges	See Photo Log
	1

Photo (s) of receiving water(s), particularly document	See Photo Log	
1. Any floating solids or visible foam in other than trace	ce amounts?	□Yes
		X□No
2. Any evidence of discharged sludge, grit or accumulated solid		□Yes
residues?		X□No
3. Any floating, suspended or submerged matter, inclu	_	□Yes
amounts causing nuisance or objectionable condition?		X□No
Flow Measurement Device:		
1. Were flow measurements taken during inspection?		□Yes
		X□No
Photo (s) of taking flow measurement:		
2. Location of flow measuring device for raceways:	☐ Influent Head H	3nx
•		Tailrace Effluent
	☐ Other	
3. How are flow measurements taken?	X□Across a dan	ı board
	☐Contracted recta	ngular weir
	☐Other weir	
	☐Other	
4. Location of flow measuring device for OLSBs:	☐ Effluent Box	
	☐ Effluent Pipe	
	☐ QZ cleaning tir	ne
	X□ Across a dar	
5. How are flow measurements taken?	X Across a dam board	
	□V-Notched wein	
	Other weir	
	Other	
Sampling:	LI V VIIVI	
1. Are influent sample locations adequate?	X□Yes	
_	□No	

2. Are effluent sample locations adequate?	X□Yes
	□No
3. Are samples refrigerated / iced down after	X□Yes
sampling?	□No
4 A	
4. Are samples iced down during transportation to contract Lab?	X□Yes
COMULACT LAU!	□No
G-P-1- C	
Solids Containment and Storage	
1. Is the solids disposal area adameted	
1. Is the solids disposal area adequate?	N/A: very large old mill pond is used
	for settling. Never been de-sludged.
2. Removed solids prevented from reentry to	☐Yes
navigable waters?	[·
	X□N/A
3. Does the facility land apply solids or irrigate with	Vec
or apply wastewater?	☐Yes V☐N/A
	X□N/A
Inspection Conclusion Data Sheet (ICDS) informa	l Ation
	X Yes
1. Did you observe deficiencies (potential violations)	
during the on-site inspection?	□No
2. If so, did you communicate them to the facility	X□Yes
during the inspection?	□No
2 Dild City	X□Yes
3. Did the facility or operator take any corrective	□No
actions	CULYO
	V.
4. Did you provide general compliance assistance	X□Yes
during the inspections?	□No
5 Did you provide site enecific compliance	X□Yes
5. Did you provide site-specific compliance assistance?	□No
acolomito.	

AREAS OF CONCERN:

QAP does not include training records as required by permit. Very large old mill pond (basically a swamp) used for settling has natural algal growth and other aquatic plants that contribute to effluent suspended solids casing facility to appear to not meet % removal for ss. Discuss with facility staff the possibility of construction of an actual settling pond upstream of swamp and performing monitoring at discharge of newly constructed pond to help meet % removal.

Photographic Documentation

Name of Facility: Kooskia National Fish hatchery

Inspector(s): Mike Piechowski

Inspection Date: Tuesday, September 02, 2014

Purpose of Inspection: NPDES Compliance



Publish Date: Saturday 13 September 2014

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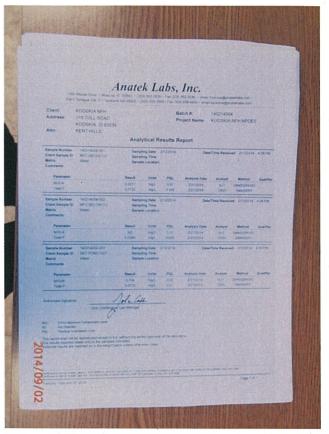
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1. Photograph 1: Satellite view with pond to north



2. Photograph 2: Analytical results

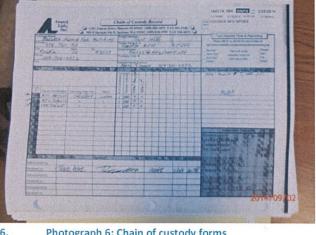
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Photograph 4: DMR

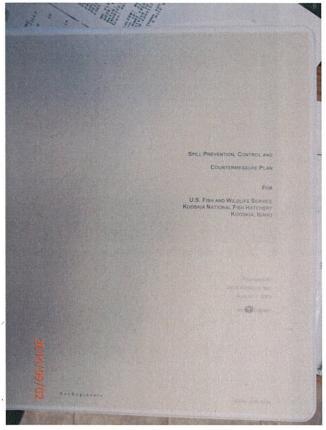
3. Photograph 3: Analytical results

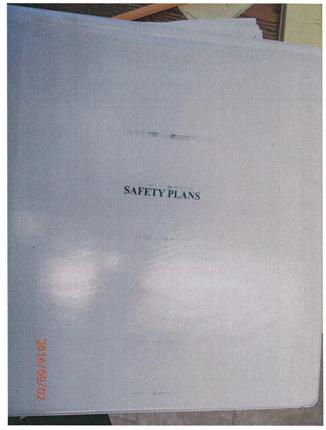




Photograph 6: Chain of custody forms

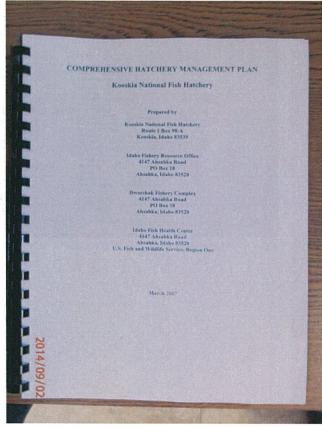
Photograph 5: Facility records





7. Photograph 7: Spill prevention plan

8. Photograph 8: Safety plan





10. Photograph 10: Water screening and treatment building

9. Photograph 9: O&M Plan







12. Photograph 12: Treatment building



Photograph 14: Aerators

13. Photograph 13: Screen in treatment building



Photograph 15: Treatment label



16. Photograph 16: Treated water to hatchery



17. Photograph 17: Raceway with smolts





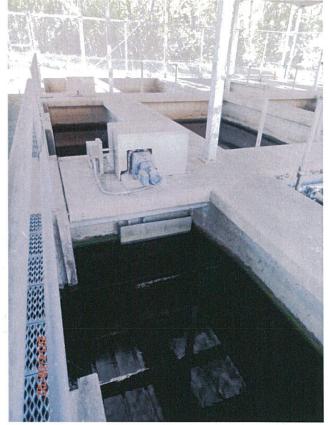


Photograph 19: Raceway showing slight solids

20. Photograph 20: Slight solids in raceway



21. Photograph 21: Raceway covers



22. Photograph 22: GW water reuse treatment area



23. Photograph 23: GW water treatment area



24. Photograph 24: Water treatment



25. Photograph 25: Unused raceways



26. Photograph 26: Control boxes. Pond is at far background.



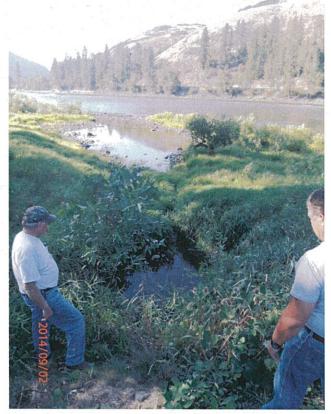
27. Photograph 27: Clear creek adjacent to hatchery



Photograph 28: Settling pond outfall



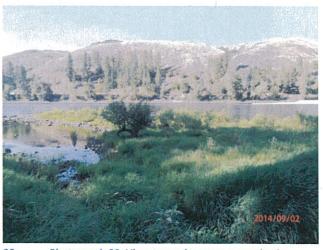
29. Photograph 29: Pond looking toward inlet



30. Photograph 30: Outfall to Clearwater River



31. Photograph 31: Outfall pipe



32. Photograph 32: View toward upstream monitoring location





33. Photograph 33: Hatchery Building

34. Photograph 34: Hatchery Building

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